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- Pinus elliottii, vegetative propagation, rooting, cuttings; seasonal variation, environmental effects, field and greenhouse grown. 7, 183-185 (Bower and van Buijtenen)
- Pinus palustris, conelet, seed production; clonal seed orchard, North Carolina, conelet abortion, frost, insects, pollen supply. 7, 378–382 (White et al.)
- Pinus ponderosa, Armillariella mellea, decay; Washington, U.S.A., stump injections, fungicides. 7, 226–231 (Filip and Roth)
  ————, containerized seedlings, xylem pressure potential; New Mexico, U.S.A., artificial shade, water stress, diurnal variation. 7, 537–540 (Buchanan et al.)
- *Pinus resinosa*, genetics; low genic heterozygosity, starch gel electrophoresis, seed megagametophytes, five sources. 7, 343–347 (Fowler and Morris)
- light intensity; crown density, chemical light meter. 7, 700-702 (Binkley and Merritt)
- ———, *Pinus banksiana*, water, drought, transpiration; needle water potential and diffusion resistance, daily, seasonal, plantation trees. 7, 132–137 (Pereira and Kozlowski)
- , throughfall, nutrients, Betula papyrifera, precipitation; Minnesota. 7, 556-561 (Comerford and White)
- Pinus rigida, photosynthesis, genetics; seedlings, Plexiglas cuvette. 7, 510-514 (Ledig and Clark)
- *Pinus sylvestris*, CO<sub>2</sub> exchange, photosynthesis, temperature; mathematical model, infrared gas analyzer. 7, 462-468 (Pelkonen *et al.*)
- Pinus taeda, biomass, nitrogen; discussion of paper by Larsen et al., Can. J. For. Res. 6: 187. 1976. 7, 545-546 (Burkhart)
- ; biomass synthesis, food reserves, photosynthate allocation. 7, 106-111 (Chung and Barnes)
  , tissue culture, adenyl cyclase; adenosine monophosphate. 7, 68-75 (Smeltzer and Johnson)
- planting, thinning, group-selection, Betula alleghaniensis, scarification, seeding, regeneration; Quebec. 7, 175-182 (Roberge)
- plot edge bias, simulation model; linear expansion method. 7, 100-105 (Martin et al.)
- **Populus deltoides**, radioactive compounds, translocation, photosynthate; detached leaves, <sup>14</sup>CO<sub>2</sub> exudation promoted by EDTA. 7, 277–284 (Dickson)
- Populus tremuloides, fire, biomass, nutrients; Ontario, postfire studies. 7, 666-679 (James and Smith)
- ———, Picea mariana, precipitation chemistry, nutrient inputs, throughfall, stemflow; Minnesota, U.S.A., storm size. 7, 112-119 (Verry and Timmons)
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- **provenance**, Abies balsamea, freezing injury; phenology, short elongation, seedlings. 7, 584–588 (Lester et al.)
- , Abies balsamea; shoot initiation date, height, New England States, U.S.A., 3-year plantations. 7, 63-67 (Lowe et al.)
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- —, Picea mariana, ecotypes; upland-lowland, 10-year study, northern Ontario. 7, 35-40 (Fowler and Mullin)
- , Pseudotsuga, insects, extractives; British Columbia, juvenile hormone analogs, wood extractives, foliage, lignin. 7. 429–434 (Manville and Rogers)
- ——, Pseudostuga menziesii, Pinus contorta, Picea engelmannii, Picea glauca; juvenile assessment, tree volume, flexible diameter reference height. 7, 335–342 (Kovats)
- —, Pseudotsuga, cold storage, chilling requirements, hardiness; nursery stock. 7, 125-131 (van den Driessche)
- Prunus serotina, allelopathy; Pennsylvania, U.S.A., herbaceous ground cover. 7, 515-519 (Horsley)
- Pseudotsuga, biomass, nutrients; soil, understory, trees, N,P,K,Ca,Mg, British Columbia. 7, 326-334 (Webber)
- , cambial growth, shoot growth, provenance, phenology; Oregon, U.S.A. 7, 154-164 (Emmingham)
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- -----, croissance, microclimat, Abies, Picea, silviculture; France, young plantations. 7, 8-18 (Aussenac)

- hardiness, frost damage, cone buds; laboratory freezing tests, November to May. 7, 19-22 (Timmis)
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- ———, photosynthesis, site; Oregon, U.S.A., carbon assimilation per unit of leaf area, entire year. 7, 165-174 (Emmingham and Waring)
- ———, transpiration, stomata, porometry, *Pinus contorta*; stomatal infiltration pressure, aspirated diffusion porometer. 7, 192–196 (Lassoie *et al.*)
- , urea; foliage analysis for sulphate, American Pacific Northwest. 7, 476-480 (Turner et al.)
- Pseudotsuga menziesii, epiphytes, biomass; 400-year two-stage sampling, Oregon. 7, 680-699 (Pike et al.)
- ———, fertilization, urea nitrogen analysis; British Columbia, monthly sampling, six plots, guanidino, arginine, proline, plants, soil. 7, 641-647 (van den Driessche and Webber)
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- ———, stomatal diffusion resistance, drought, pressure potential; Vancouver Island, evapotranspiration, water potential. 7, 595-604 (Tan et al.)
- Quercus, defoliation, Lymantria dispar, principal components analysis; northeastern United States, 168 stands, resistant and susceptible. 7, 447–461 (Houston and Valentine)
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- radioactive compounds, *Populus deltoides*, translocation, photosynthate; detached leaves, <sup>14</sup>CO<sub>2</sub> exudation promoted by EDTA. 7, 277–284 (Dickson)
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- révolution économique, maturité financière, actualisation, valeur d'attente du sol, Faustmann, révolution; Québec. 7, 621–631 (Ménard)
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- ————, Quercus alba, stress tolerance; Missouri, xylem pressure potential, leaf resistance, simulation model, soil water, vapor pressure deficit, solar radiation. 7, 400-409 (Thompson and Hinckley)
- ———, stomata, porometry, *Pseudotsuga*, *Pinus contoria*; stomatal infiltration pressure, aspirated diffusion porometer. 7, 192-196 (Lassoie *et al.*)
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- valeur d'attente du sol, maturité financière, révolution économique, actualisation, Faustmann, révolution; Québec. 7, 621-631 (Ménard)
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- water, Pinus banksiana, Pinus resinosa, drought, transpiration; needle water potential and diffusion resistance, daily, seasonal, plantation trees. 7, 132-137 (Pereira and Kozlowski)

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  xylem pressure potential, *Picea mariana*; Alaska, permafrost, long photoperiods, daily stress curve, seasonal changes. 7,
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- —, *Pinus ponderosa*, containerized seedlings; New Mexico, U.S.A., artificial shade, water stress, diurnal variation. 7, 537–540 (Buchanan *et al.*)



